

**Amendments to the Specification:**

Please replace paragraph 0013 beginning on page 4, line 12, with the following paragraph:

[0013] ~~Figure 9~~ Figures 9A-B: Figure 9A demonstrates the evolution of biomolecular signatures for the infection of whole blood cultures with *E. Coli* during the first 90 minutes of infection. Figure 9B shows a Radargram for the signatures in 9A providing a graphical display of the unique signature of *E. Coli*. (NA=neutrophil actin; NFS=neutrophil forward scatter; NSS=neutrophil side scatter; TA=T-cell actin; TFS= T-cell forward scatter; TSS= T-cell side scatter; MA=monocyte actin; MFS= monocyte forward scatter; MSS= monocyte side scatter. (+) indicates parameters associated with samples that were treated with activator cocktail, and (-) indicates parameters associated with samples not treated with activator cocktail.)